

CLAIMS

I CLAIM:

1. A chamfering tool, comprising:
a cutting section having an outer surface which is formed by a plane surface or a
5 curved surface, the cutting section being slid to a direction where an edge extends relatively
with respect to the edge of an object to be worked so that the edge is chamfered,
the outer surface having
a first blade section which is tilted so that a chip is discharged to one side of the edge,
and
10 a second blade section which is tilted so that the chip is discharged to the other side
different from the former side in a sliding direction of the cutting section with a gap.
2. A chamfering tool, comprising:
a cutting section having an outer surface which is formed by a plane surface or a
15 curved surface, the cutting section being slid to a direction where an edge extends relatively
with respect to the edge of an object to be worked so that the edge is chamfered,
the outer surface having
a first blade section having a first cutting face tilted so as to face one side of the edge,
and
20 a second blade section having a second cutting face tilted so as to face the other side
different from the former side in a sliding direction of the cutting section with a gap.
3. A chamfering tool, comprising:
a shank section to be attached to a rotational chuck; and

a cutting section which is associated with a forward end of the shank section and having outer peripheral surface which is formed by a cylindrical rotational surface or a conical rotational surface, the cutting section being brought into contact with an edge of an object to be worked so that the edge is chamfered,

5 the outer peripheral surface having

a first blade section which is tilted so that a chip is discharged to a side of the shank section, and

a second blade section which is tilted so that the chip is discharged to a side opposite to the side of the shank section in a peripheral direction of the outer peripheral surface with a

10 gap.

4. A chamfering tool, comprising:

a shank section to be attached to a rotational chuck; and

a cutting section associated with a forward end of the shank section and having

15 outer peripheral surface which is formed by a cylindrical rotational surface or a conical rotational surface, the cutting section being brought into contact with an edge of an object to be worked so that the edge is chamfered,

the outer peripheral surface having

a first blade section having a first cutting face tilted so as to face a side of the shank

20 section, and

a second blade section having a second cutting face tilted so as to face a side opposite to the side of the shank section in a peripheral direction of the outer peripheral surface with a gap.

5. The chamfering tool according to claim 3, wherein the first blade section and the second blade section are formed alternately in the peripheral direction of the outer peripheral surface.

5 6. The chamfering tool according to claim 4, wherein the first blade section and the second blade section are formed alternately in the peripheral direction of the outer peripheral surface.

7. The chamfering tool according to claim 3, wherein the first blade section and the second blade section are formed so as to be symmetrical with respect to a rotating center axis of the cutting section.

10 8. The chamfering tool according to claim 4, wherein the first blade section and the second blade section are formed so as to be symmetrical with respect to a rotating center axis of the cutting section.